

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration Under 37 C.F.R. 1.131

Atty. Docket No.
FOC1100-1

Applicant

Robert Jackson

Application Number

10/038,745

Date Filed

01/02/2002

Title

Method and System for On-Site Generation and Distribution of a Process Gas

Group Art Unit

1754

Examiner


Nguyen, Ngoc Yen M.

Confirmation Number:

2978

1. I, Robert Jackson, am the sole inventor of the invention described and claimed in the above-referenced patent application.
2. The invention claimed in the above-referenced patent application was conceived at least as early as November 29, 2000.
3. Attached hereto as Declaration Exhibit A is a copy of a presentation dated November 29, 2000. This presentation is saved as "11 29 2000 Semiconductor Fluorine Plant670" on Fluorine On Call's ("FOC") computer system and was generated by FOC at least as early as November 29, 2000. Slides 2 and 3 of the presentation show parallel HF traps coupled to fluorine generation cells and a filter downstream of the HF traps. Slide 3 further shows a low pressure buffer and compressor downstream of the HF traps. Slides 2 and 3 also illustrate various flow paths provided by manifolds. Slide 4 of the presentation describes that the HF traps are NaF traps and that switching occurs.
4. On November 26, 2001, a provisional patent application was filed disclosing the invention.
5. Declarant acknowledges that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.

I, Robert Jackson, aver that all statements made of my own knowledge are true and all statements made on information and belief are believed to be true.

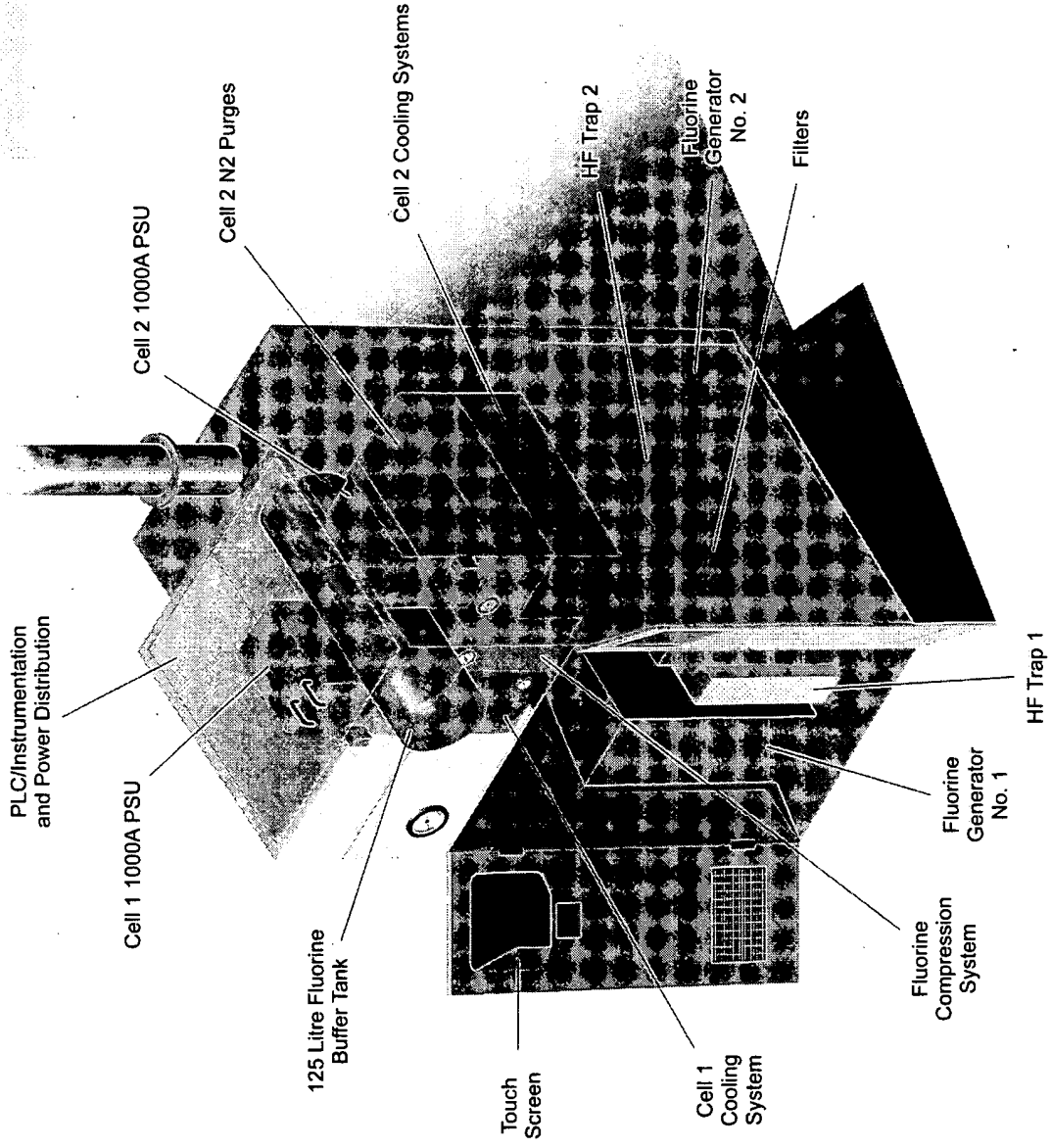

Robert Jackson
April 10th 2006

DECLARATION EXHIBIT A



FOC

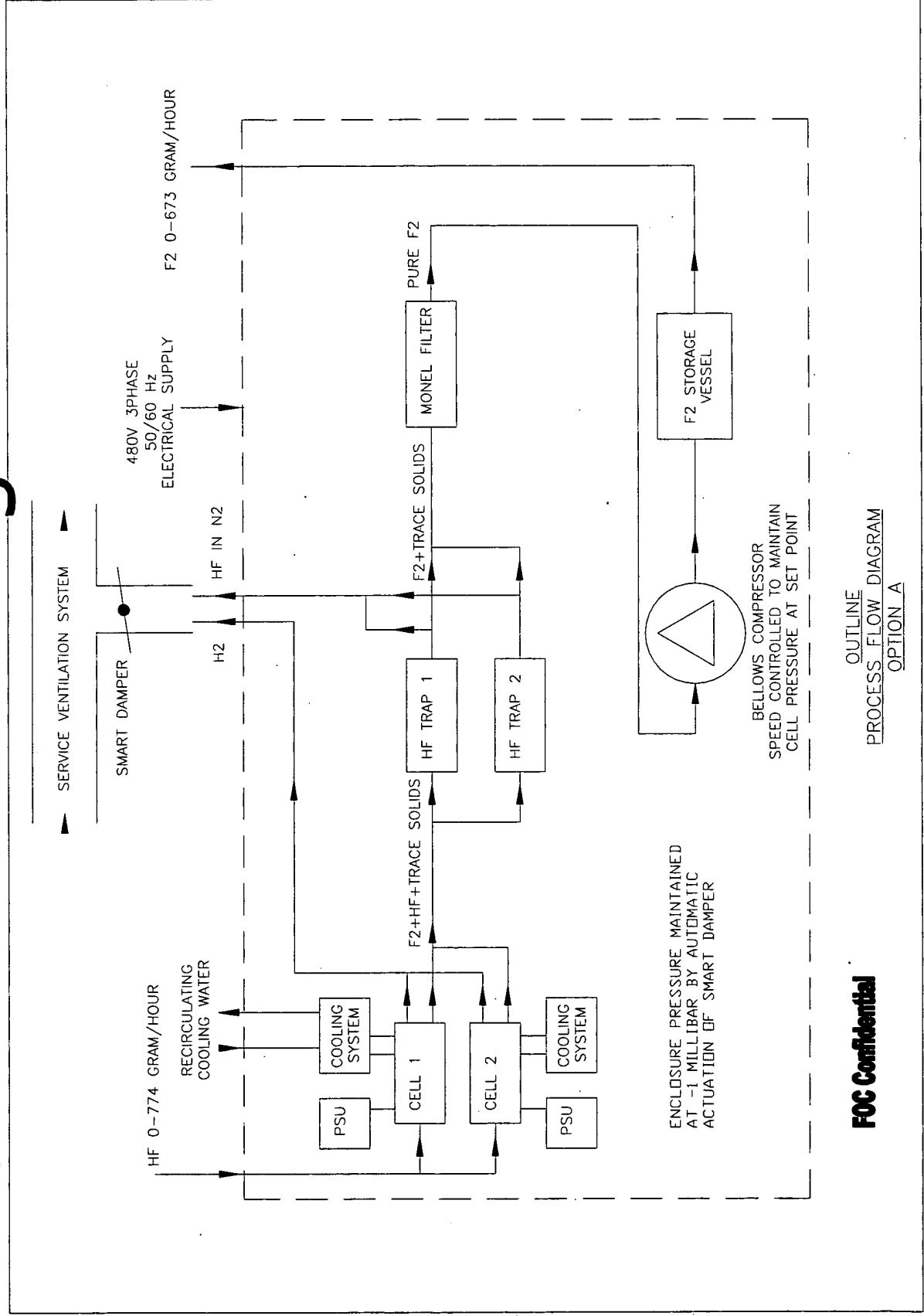
Fluorine On Call, Ltd.



Semiconductor Packaged Fluorine Cell

FOC Confidential

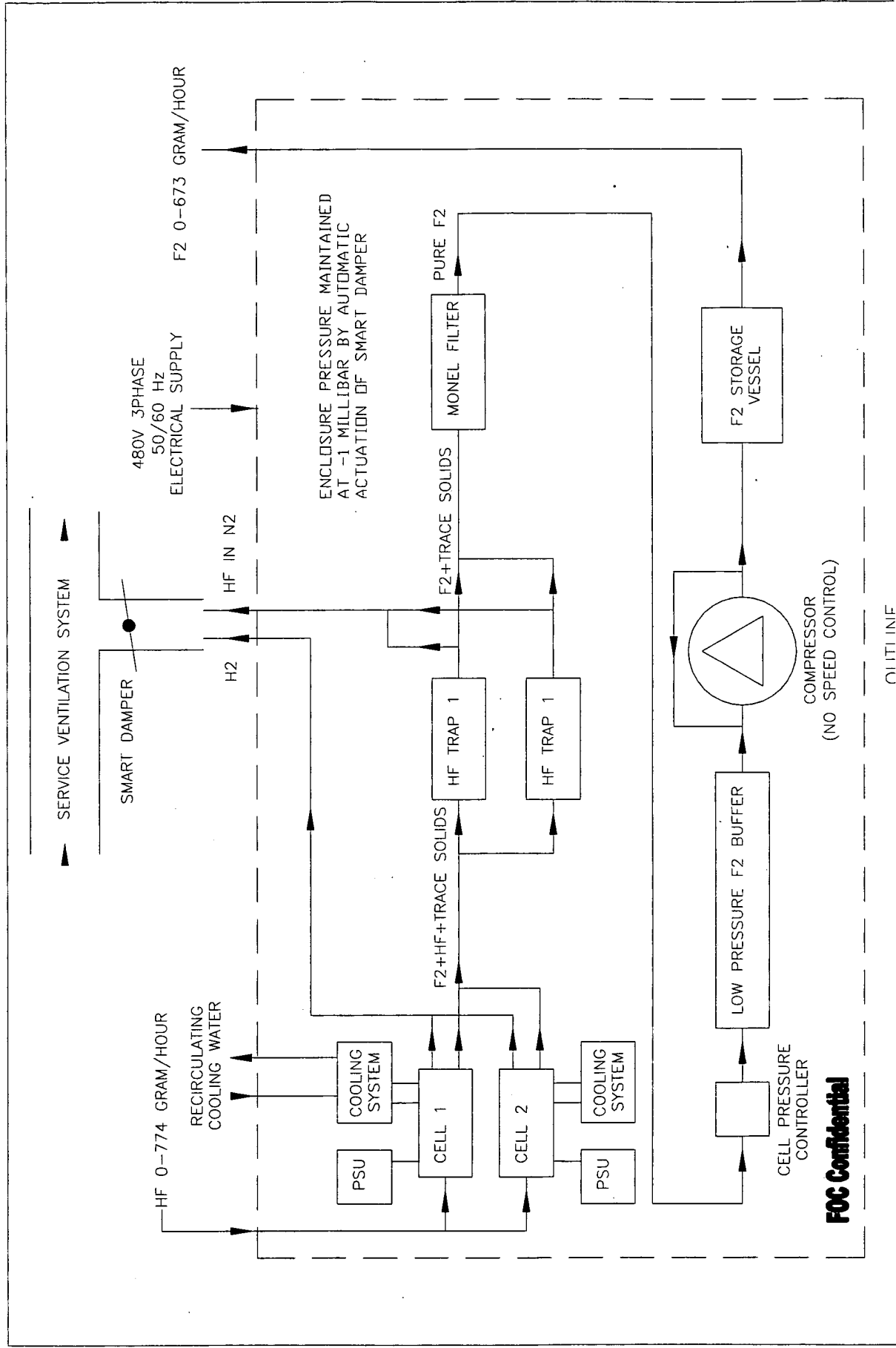
Process Flow Diagram



FOC Confidential

OUTLINE
PROCESS FLOW DIAGRAM
OPTION A

Process Flow Diagram



FOC Confidential

Design Concepts Sodium Fluoride Traps

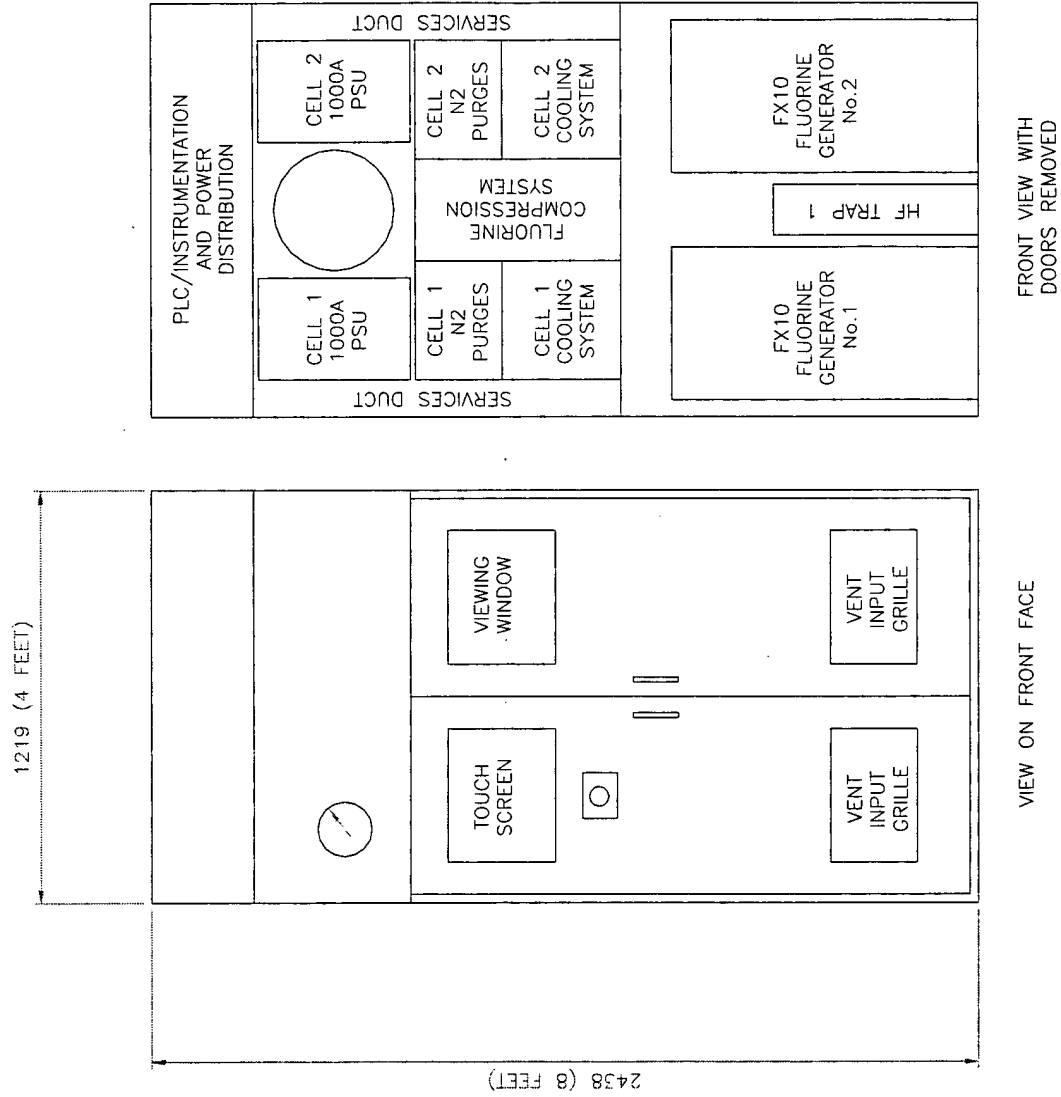
- Duty and stand-by design
- PLC controlled automated switch-over
- PLC controlled automated regeneration capability
- Proven high efficiency absorption path design
- PLC monitoring of upcoming change-out and service requirements
- Low metallic impurities, Monel construction, Stainless steel jacketed
- Simple MTTR design

FOC

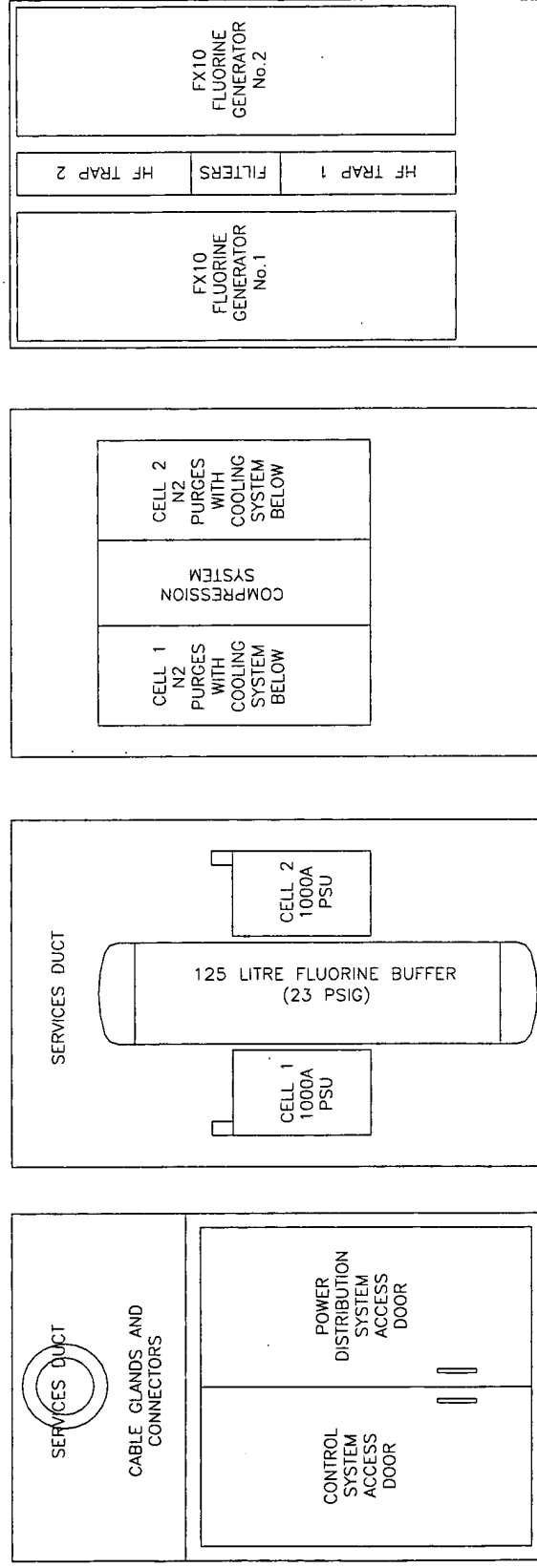
FOC Confidential

Fluorine On Call, Ltd.

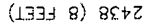
Conceptual Component Layout (1)



Conceptual Component Layout (2)



1. The first step is to identify the problem. This involves understanding the current situation and the desired outcome.



FOC Confidential